

Species Tag:	19003	Species Name:	H2O-17
Version:	1		Water,
Date:	Jan. 1988		<sup>17</sup> O isotope
Contributor:	E. A. Cohen		
	R. L. Poynter		
Lines Listed:	404	Q(300.0)=	178.813
Freq. (GHz) <	9975	Q(225.0)=	116.520
Max. J:	12	Q(150.0)=	63.959
LOGSTR0=	-6.8	Q(75.00)=	23.270
LOGSTR1=	-8.0	Q(37.50)=	8.616
Isotope Corr.:	-3.432	Q(18.75)=	3.044
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	1.259
$\mu_a$ =		A=	830283.294
$\mu_b$ =	1.8546	B=	435350.957
$\mu_c$ =		C=	277511.176

The microwave and millimeter line measurements were taken from F. C. De Lucia and P. Helminger, 1975, *J. Mol. Spect.* **56**, 138, and G. Steenbeckeliers and J. Bellet, 1971, *Compt. Rend. Acad. Sci.* **273B**, 471. Combination-differences from new high-resolution infrared measurements of R. A. Toth, private communication, were used in a combined fit with the microwave data. The data set has been truncated at  $J = 12$ . The dipole moment was assumed to be the same as for the parent molecular species. Splittings due to the <sup>17</sup>O nucleus are not included in this calculation.